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Approved for use through 10/31/2002. OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 2501082-991101
First Inventor Rajeshwar Chhibber et al.
Title HIGH DYNAMIC RANGE OPTICAL INSPECTION SYSTEM AND METHOD
Express Mail Label No. EV 302277395 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS
TO:

Assistant Commissioner for Patents
Mail Stop Patent Application
P.O. Box 1450, Alexandria, VA 22313

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.
See 37 CFR 1.27.

3. ☒ Specification [Total Pages: 104]
(preferred arrangement set forth below)
- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R&D
- Reference to sequence listing, a table
or a computer program listing appendix
- Background of the Invention
- Brief Description of the Drawings (if filed)
- Detailed description
- Claim(s)
- Abstract of the Disclosure

4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 80]

5. ☒ Oath or Declaration [Total Pages 2]

- a. ☒ Newly executed (original or copy)
b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)
i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).

6. ☐ Application Data Sheet. See 37 CFR 1.76.

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an
Application Data Sheet under 37 CFR 1.76:

- ☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No. _____

Prior application information: Examiner _____

Group/Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under
Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The
incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

26379

or ☐ Correspondence address below

Name	Timothy W. Lohse				
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	2000 University Avenue				
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Country	US	Telephone	650/833-2055	Fax	650/833-2001

NAME (Print/Type)	Timothy W. Lohse	Registration No. (Attorney/Agent)	35,255
Signature		Date	September 25, 2003

22141 U.S. PTO
10/6/2005

09/25/03

17286 U.S. PTO
09/25/03

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FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 3,658.00

Complete if Known

Application Number	To Be Assigned
Filing Date	September 25, 2003
First Named Inventor	Rajeshwar Chhibber et al.
Examiner Name	To Be Assigned
Art Unit	To Be Assigned
Attorney Docket No.	2501082-991101

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

Deposit
Account
Number

Deposit
Account
Name

07-1896

Gray Cary Ware & Freidenrich LLP

The Commissioner is authorized to: (check all that apply)

☐ Charge (fees) indicated below. ☒ Credit any overpayments
☒ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	375	Utility filing fee	375
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$) 375.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims 346 -20** = 326 X 9 = 3,114
Independent Claims 6 -3** = 3 X 43 = 129
Multiple Dependent X =

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	84	2201	42	Independent claims in excess of 3	
1203	280	2203	140	Multiple dependent claim, if not paid	
1204	84	2204	42	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$) 3,243.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40
1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 40.00

SUBMITTED BY

Name (Print/Type)

Timothy W. Lohse

Registration No.
(Attorney/Agent)

35,255

Complete (if applicable)

Telephone

650-833-2055

Signature

Timothy W. Lohse

Date

September 25, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231.

Gray Cary\EM7150980.1
2501082-991101

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Rajeschwar Chhibber and David Willenborg

Serial No.: To be assigned

Art Unit: To Be Assigned

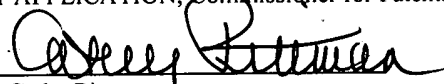
Filed: September 25, 2003

Examiner: To Be Assigned

TITLE: HIGH DYNAMIC RANGE OPTICAL INSPECTION SYSTEM AND METHOD

Date of Deposit September 25, 2003

I hereby certify that this patent application as itemized below is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 and is addressed to MAIL STOP PROVISIONAL PATENT APPLICATION, Commissioner for Patents; P.O. Box 1450, Alexandria, VA 22313-1450


Cathy Pittman

EL 302277395 US
Express Mail No.

CERTIFICATE OF MAILING

COMMISSIONER OF PATENTS
MAIL STOP PROVISIONAL PATENT APPLICATION
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing under 37 CFR 1.10 are:

No. of Pgs	Title of Document
[1]	Utility Patent Application Transmittal;
[104]	Specification;
[80]	Drawing sheets;
[2]	Declaration;
[3]	Assignment w/Recordation Form Cover Sheet;
[1]	Power of Attorney;
[1]	Statement Under 37 CFR;
[3]	Verified Small Entity Statement;
[1]	Fee Transmittal;
[1]	Check No. 944938 for \$3,658.00;
[1]	Certificate of Mailing By Express Mail No. EL 302277395US; and
[1]	Return Postcard